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Docket Filed
Rm 222

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

DOCKET FILE COPY ORIGINAL

18 FEB 1993

IN REPLY REFER TO:

7330-7/1700A3

Honorable Richard G. Lugar
United States Senate
306 Senate Office Building
Washington, D.C. 20510

RECEIVED

APR 12 1993

Dear Senator Lugar:

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

This is in reply to your letter of February 2, 1993, in which you inquired on behalf of several of your constituents regarding the Notice of Proposed Rule Making (Notice) in PR Docket No. 92-235, 57 FR 54034 (1992). This Notice proposes comprehensive changes to the Commission's Rules governing the private land mobile radio services operating in the frequency bands below 512 MHz.

Those rules have been in place for over 20 years. While they have been amended on numerous occasions since that time, they nonetheless embody regulatory concepts based on yesteryear's technology and, unless changed, will stifle the growth and development of private land mobile radio technology and services, which are used primarily by local governments, public safety entities, and businesses to enhance their productivity. The Commission issued the Notice, therefore, to solicit comment from all interested persons on a wide variety of proposals designed to increase channel capacity, to promote more efficient use of these channels, and to simplify the rules governing use of these channels.

The proposals in the Notice reflect to a large extent concepts and proposals submitted in the initial inquiry stages of this proceeding. None of the proposals set forth in the Notice, however, are engraved in stone. Indeed, the proposals represent our best judgment at this stage of the proceeding on steps that must be taken to improve the regulatory climate for users of the private land mobile radio spectrum below 512 MHz. To this end, some of the critical issues that must be resolved relate to channel spacing, the amount of time provided to users to convert to new technical standards, how the 300 to 500 percent increase in channel capacity should be licensed, how the rules should be written to provide users technical flexibility, and whether the current nineteen radio services should be consolidated and, if so, how. I have enclosed for your information a copy of that part of the Notice that describes the numerous proposals.

Your constituents are specifically concerned about the impact of these changes on radio control (R/C) hobby users. Enclosed is a discussion paper concerning our proposals for the 72-76 MHz band. In short, we expect there would be no adverse impact on R/C operations because of any proposal contained in the Notice.

No. of Copies rec'd
List A B C D E

041

Honorable Richard G. Lugar

2.

We are, of course, sensitive to the concerns of both users of private land mobile radio spectrum and R/C hobbyists. We will, therefore, take into careful consideration all their comments. Your constituents' concerns will be

Congressional

DUE OBC: 2-17-95

PLEASE MAKE 2 EXTRA COPIES OF INCOMING, ATTACHMENTS,
AND REPLY FOR DOCKET FILE. ROOM 222.

RICHARD G. LUGAR
INDIANA

SH 306 SENATE OFFICE BUILDING
WASHINGTON, D.C. 20510
202-224-4814

COMMITTEES:
FOREIGN RELATIONS
AGRICULTURE, NUTRITION AND FORESTRY

United States Senate

WASHINGTON, D.C. 20510

February 2, 1993

PR B
92-235
469

Federal Communication Commission
Attn: Office of Legislative Affairs
1919 M Street
Washington, D.C. 20554

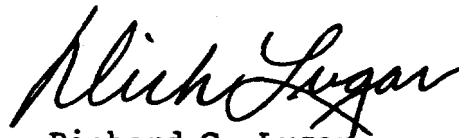
Dear Sir/Madam:

Because of the desire of this office to be responsive to all inquiries and communications, your consideration of the attached is requested.

Your findings and views, in duplicate form, along with the return of the enclosure, will be greatly appreciated. Please direct your reply to the attention of Darlee Williams of my Washington office.

Thank you for your thoughtful attention.

Sincerely,



Richard G. Lugar
United States Senator

RGL/dwl
Enclosure

RECEIVED
FEB 10 2 05 PM '93
PRIVATE AND CONFIDENTIAL
FBI

International Corporate Headquarters:

THE BRAUN

**THE BRAUN
CORPORATION.**
"Providing Access to the World"



Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Please understand that many model airplanes have wingspans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 76 MHz band.

I am enclosing a copy of an article that appeared recently in the South Bend Tribune. Hope you enjoy it.

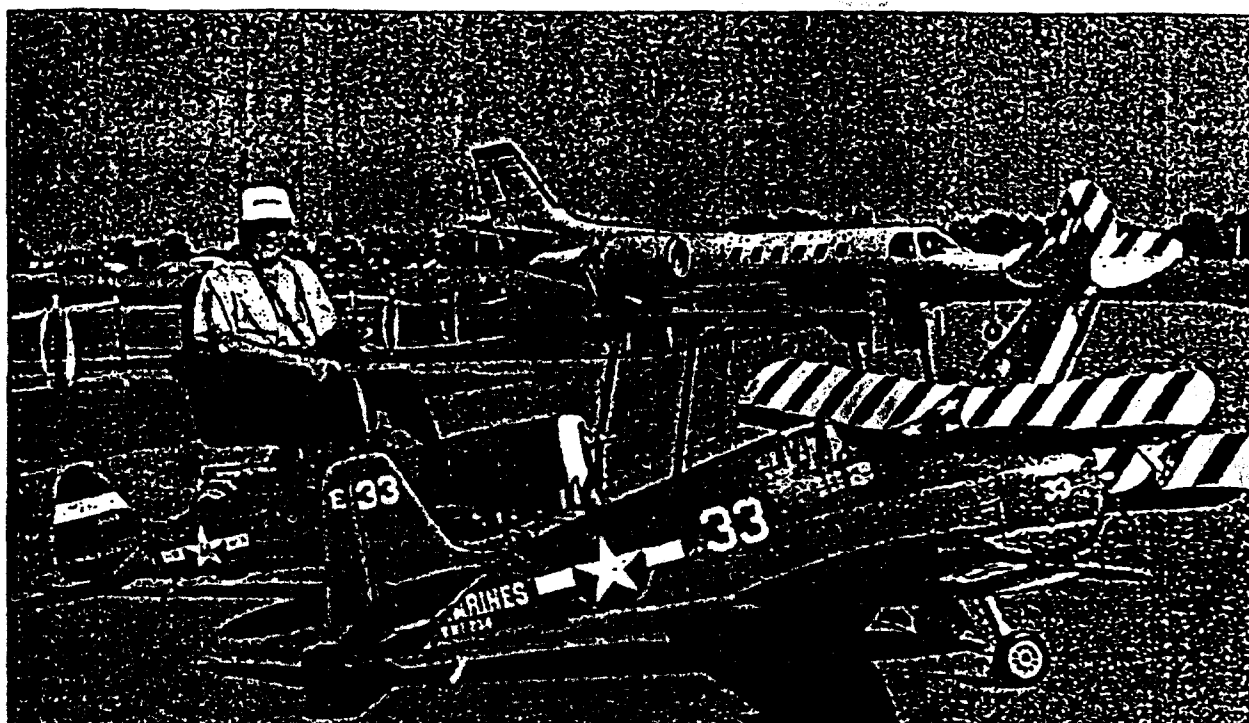
Thank you for any assistance you may be able to give.

Sincerely,

Ralph W. Braun
Chief Executive Officer

Enclosure

INDIANA





• 336-M TRUSTEE OF IRON WORKERS
DISTRICT COUNCIL SOUTHERN
OHIO & VICINITY BENEFIT TRUST

BOB BISHIR
FINANCIAL SECRETARY-TREASURER
BUSINESS AGENT
LOCAL UNION NO. 147

International Association of Bridge,
Structural & Ornamental
Iron Workers
Affiliated with A.F.L.-C.I.O.

1211 W. COLISEUM BLVD.
FORT WAYNE, IN 46808
WORK (219) 484-8514
HOME (219) 637-5829

h PR Docket 92-235.

Dear Senator Lugar

Please help! Under consideration by the Federal Communications Commission (FCC) are frequency use changes that will adversely affect the lives of millions people.

I am one of these people affected. For many years my family and I have enjoyed the building and flying of radio controlled model airplanes. I have a considerable investment in this hobby. If these changes are adopted by the FCC, the current RC frequencies will become dangerous to use because of direct radio interference.

The frequency changes are proposed by the FCC Land Mobile Service. The FCC has issued a Notice of Proposed Rule Making (NPRM - PR Docket 92-235)

Can you imagine an RC airplane, costing several hundred dollars or more, crashing to the ground because someone in a car uses a "mobile" telephone in the vicinity. We modelers have controls and rules in place to assure the safety of the operators and bystanders and also the protection of surrounding property. But there will be no protection against these new frequencies because they are "mobile" and we would never know where they are.

All over the country there are organized events and contests where hundreds of operators participate. Spectators often number in the thousands at these events. This hobby provides many hours of enjoyment to hundreds of thousands of people like

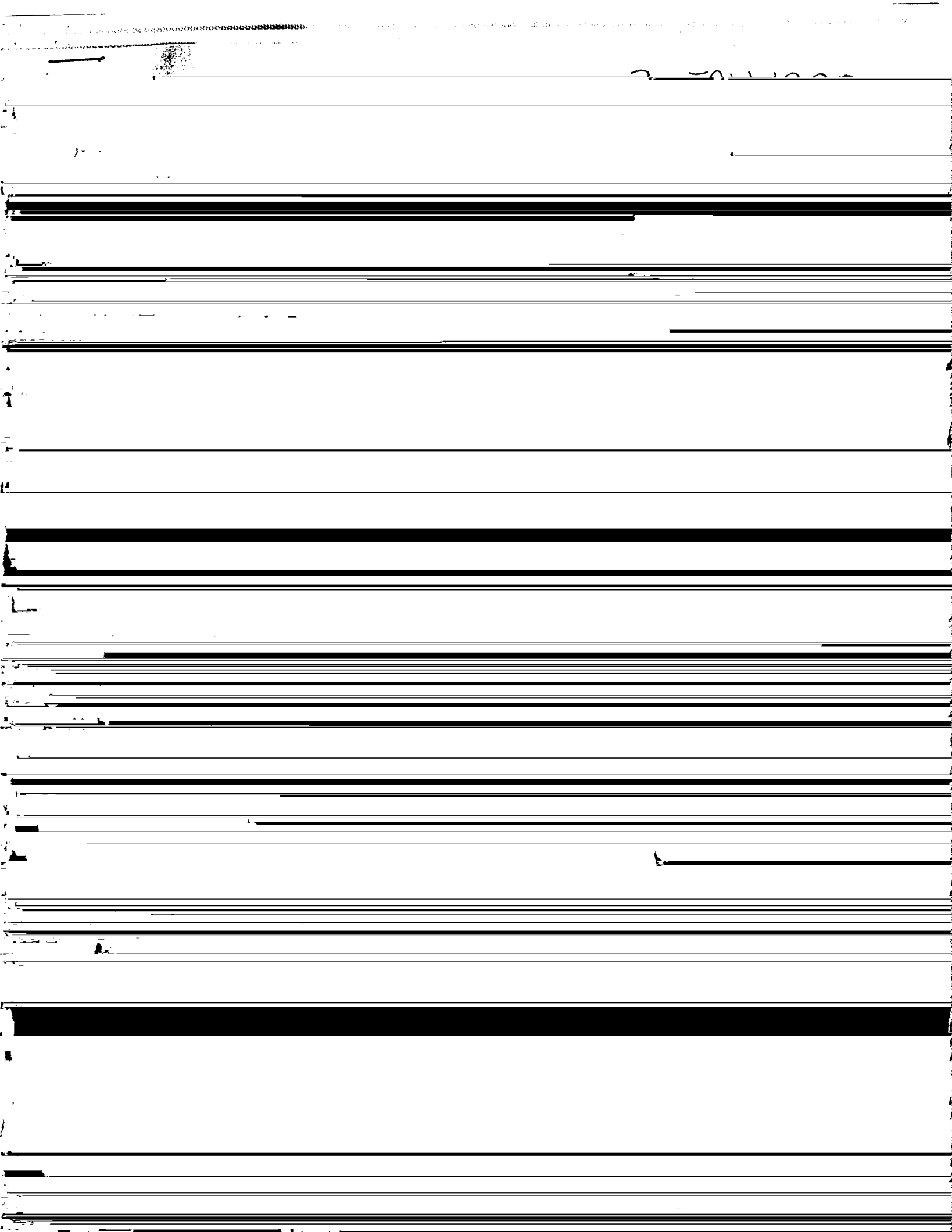
January 19, 1993

93 JAN 25 11:59

ASSEMBLYMAN RICHARD LUGAR
306 Hart Building
Washington, DC 20510

Dear Mr. Lugar:

I am a hobby retailer who specializes in radio-controlled models as well as other related products. I wrote to you on January 14th, asking you to help me with a very serious problem which has recently been brought to my attention regarding the Federal Communications Commission (FCC). The letter which I



The Honorable Richard Lugar
United States Senate
Washington, DC 20510

Jan 20, 1993

93 JAN 25 AM 11:25

Urgent: Serious problem with PR Docket 92-235.

Dear Senator Lugar

Please help! Under consideration by the Federal Communications Commission (FCC) are frequency use changes that will adversely affect the lives of millions people.

I am one of these people affected. For many years my family and I have enjoyed the building and flying of radio controlled model airplanes. I have a considerable investment in this hobby. If these changes are adopted by the FCC, the current RC frequencies will become dangerous to use because of direct radio interference.

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All over the country there are organized events and contests where hundreds of operators participate. Spectators often number in the thousands at these events. This hobby provides many hours of enjoyment to hundreds of thousands of people like myself and my family. ***Please help keep model aviation safe.***

The FCC must not be allowed to carry out its proposals for the 72 - 76 MHz band.

Sincerely,

Bud D2 Balt
5314 Ann Hackley
J + Wayne Dr 46835

Urgent: Action needed before February 26, 1993.

January 20. 1993
1140 W. 500 North
Columbia City, IN. 46725

93 JAN 25 11:59

Senator Richard G. Lugar
United States Senate
Washington, DC. 20510

Reference: FCC Rule (NPRM-PR Docket 92-235)

Dear Dick,

The subject proposed FCC Rule is both dangerous and expensive to the public operating model aircraft by remote radio control.

I am writing this letter on behalf of the 44 members of the Whitley County Radio Control Club.

Please give this serious consideration, I am well qualified to address this subject. I have designed military communication and electronic warfare equipment for over 40 years and been engaged in radio control of model aircraft for over 30 years. In addition to being a graduate electronics engineer I am a Scientific Leader Member, Administrative Leader Member and Contest Director of the Academy of Model Aeronautics (AMA).

The proposed insertion of Land Mobile Service frequencies between the Model Channels will create interference and result in the "crashing" of Radio Controlled Model Aircraft. These aircraft are expensive, representing an investment of \$300 to over \$1,000. each. They weigh from 5 to over 20 pounds and travel at speeds in excess of 60 miles per hour. A crash striking a person will cause very serious injury or even death.

Allowing interference that will result in a crash is total irresponsible as well as being dangerous. There is no way that a Model Aircraft can operate safely in the presence of the proposed new land mobile frequencies nor could the average modeler afford the expense of moving to other frequencies. If a Land Mobile user experiences interference they lose a few words, if a Model Aircraft experiences interference we lose an expensive aircraft and possibly injure someone. These higher power Land Mobile units do not belong intermixed with the lower powered Model Channels.

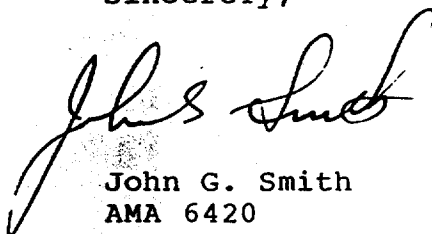
Just the 44 members of our small club have over \$100,000. invested in Radio Control aircraft, engines and equipment which is put at risk by this proposed rule. We use and need all of the channels currently authorized.

Crowding of the Model Channels has been a problem and just a few years ago addition channels were made available. A large number of modelers have purchased expensive radio equipment to use these new channels and this has helped reduce the crowding problem. Now the FCC is proposing to undo the improvements made over the years at a very large expense to the modeling public.

Our club members are already the victims of unauthorized use of our frequencies several times a year, to "legalize" interference is unthinkable.

Please see that this rule is not approved.

Sincerely,

A handwritten signature in cursive script, appearing to read "John G. Smith".

John G. Smith
AMA 6420
K9EBZ

Written on behalf of the membership- see attached list.

DAVE BELTZ
2091 E. BAIR RD.
COLUMBIA CITY, IN. 46725
Channel 34
AMA # 447259
(219) 691-2192

RON CASE
3757 E. HARTMAN RD.
COLUMBIA CITY, IN. 46725
Channel 44,50
AMA # 372139
(219) 248-8948

JAMES M. ENGLAND
3744 W. 150 S.
COLUMBIA CITY, IN. 36725
Channel 16,18,24,34,40,42
AMA # 43222
(219) 248-8052

THEODORE J. FIDLER
2700 N 825 EAST
CHURUBUSCO IN. 46723
Channel 42,44,50,52,54
AMA # 26638
(219) 693-6533

RODNEY HARDESTY
210 POPLAR
SOUTH WHILEY, IN. 46787
Channel 52,56
AMA # 446326
(219) 723-6981

ROBERT KLEIN
2323 EAST SUNFLOWER LANE
WARSAW, IN. 46580
Channel 30,32,36
AMA # 381948
(219) 269-2585

FRITZ A. MARTIN
117 N. PARK DR.
COLUMBIA CITY, IN. 46725
Channel 52,54
AMA # 53772
(219) 244-7802

JERRY MOORE
1514 GLENCOE BLVD.
NEW HAVEN, IN. 46774
Channel
AMA # 22519
(219) 749-8142

ED SCHROEDER
202 N. ELM ST.
NORTH MANCHESTER IN. 46962
Channel
AMA # 382583
(219) 982-2273

ROGER TUCKER
4141 S. 50 WEST
ALBION, IN. 46701
Channel 16,20,38,42,46,54
AMA # 254906
(219) 636-2903

DOUG WHITE
202 S. WALNUT
COLUMBIA CITY, IN. 46725
Channel 28,38,58,60
AMA # 39057
(219) 244-7945

JEFFERY A. BORN
2020 E 400 NORTH
COLUMBIA CITY, IN. 46725
Channel 20,24,36,46,48
AMA # 372881
(219) 691-2079

DALE COFFELT
3957 E. HARTMAN RD.
COLUMBIA CITY, IN. 46725
Channel 50
AMA #
(219) 244-3416

WM. (BILL) EVANS
5910 PORT ROYAL
FT. WAYNE, IN. 46815
Channel 12,24 & 6M-(53.20)
AMA # 2669
(219) 485-2599

DAN T. FORD
160 E. 400 NORTH
COLUMBIA CITY, IN. 46725
Channel 20,42,44
AMA # 366433
(219) 691-3108

GARY KEISTER
817 SUMMIT DRIVE
COLUMBIA CITY, IN. 46725
Channel 22
AMA # 446525
(219) 244-5990

JAMES LOW
7676 S. 875 WEST
CLAYPOOL IN. 46510
Channel 16,30,54
AMA # 374787
(219) 491-2251

SEAN MARTIN
117 N. PARK DR.
COLUMBIA CITY, IN. 46725
Channel
AMA #
(219) 244-7802

DAVID PATTERSON
405 W. SOUTH ST.
ALBION, IN. 46701
Channel 24,34,
AMA # 322059
(219) 636-7617

DAVID B. SMITH
1142 WEST 500 NORTH
COLUMBIA CITY, IN. 46725
Channel 12,14,40,46
AMA # 405915
(219) 691-2350

DAVE WAGNER
8122 ROTHMAN ROAD
FT. WAYNE, IN. 46835
Channel 47
AMA # 425168
(219) 486-6511

GREG WILLSON
2040 S. LONEPINE RD.
COLUMBIA CITY, IN. 46725
Channel 20,50
AMA # 166656
(219) 244-3425

ROBERT BORN
307 WALLACE AVE.
COLUMBIA CITY, IN. 46725
Channel 16,18,52
AMA # 369452
(219) 248-2577

RICHARD B. COLTER
R# 2
MONROEVILLE, IN. 46773
Channel 19,21,38,33,35
AMA # 145805
(219) 623-3761

KEVIN EWING
974 W. DOGWOOD
COLUMBIA CITY, IN. 46725
Channel 50
AMA # 444296
(219) 248 2457

CLAUDE FREIMUTH
1101 GLENWOOD AVE.
FORT WAYNE, IN. 46805
Channel
AMA #
(219) 484-7608

RICK KING
3255 E. 500 NORTH
COLUMBIA CITY, IN. 46725
Channel 26,40,46,50,56
AMA # 205270
(219) 691-3998

LANCE HARESH
4302 N. 750 WEST
LIGONIER, IN. 46767
Channel 16,28,50,56
AMA # 256782
(219) 894-3370

ART MINNICK
4885 E. MC JUNKIN ST.
COLUMBIA CITY, IN. 46725
Channel 20,28,40
AMA # 11753
(219) 244-3567

JOE PEQUINGNOT
4950 STATE RD. 109 NORTH
COLUMBIA CITY, IN. 46725
Channel 32,54,56,58
AMA # 161324
(219) 691-3068

JOHN G. SMITH
1140 W. 500 NORTH
COLUMBIA CITY IN. 46725
Channel 40,6-METER (53.50)
AMA # 6420
(219) 691-3461

ROBERT WANTZ
12536 CRABAPPLE PL.
FORT WAYNE, IN. 46804
Channel
AMA # 6899
(219) 672-8937

RICHARD & KPAYSTAL ZOLTEK
910 E. JEFFERSON
COLUMBIA CITY, IN 46725
Channel 44,48
AMA # 417551
(219) 248-8185

JIM BORTNER
314 NORTH OAK ST.
ALBION, IN. 46701
Channel
AMA # 249129
(219) 636-2607

LARRY J. ECKERLEY
9321 WOODCHINE CT.
FORT WAYNE, IN. 46804
Channel 22,34,44,
AMA # 1059
(219) 432-9527

GARY L. FEARS
2619 MEADOWS PARKWAY
FORT WAYNE, IN. 46825
Channel 32,52
AMA # 365342
(219) 484-6940

FRANK B. FURNAS
1 ENS B37 LANE LOT 91.
WARSAW, IN. 46580
Channel 22,52
AMA # 56029
(219) 594-5855

STEVE KINNEY
5090 E. OLD 60. 30
PIERCETON, IN. 46562
Channel 52
AMA # 420220
(219) 269-2358

TERRY MARKER
104 S. ORANGE
ALBION, IN. 46701
Channel 22,26,46,56
AMA # 255467
(219) 636-2470

KENNETH D. MISENAR
1770 N. RIVER DRIVE WEST
ALBION, IN. 46701
Channel 44
AMA # 463512
(219) 636-2836

EARL ROGERS
2136 GILMORE AVE.
FORT WAYNE, IN. 46818
Channel 18,28,40
AMA # 276310
(219) 489-5829

TIMOTHY L. SORG
4625 GULFVIEW DR.
FT. WAYNE, IN. 46818
Channel
AMA # 303560
(219) 483-8774

KEITH L. WELLBAUM
723 RIVERSIDE
FT. WAYNE, IN. 46805
Channel
AMA # 300730

The Honorable Richard Lugar
United States Senate
Washington, DC 20510

93 JAN 21 PM 4:17

Urgent: Serious problem with PR Docket 92-235.

Dear Senator Lugar

Please help! Under consideration by the Federal Communications Commission (FCC) are frequency use changes that will adversely affect the lives of millions people.

I am one of these people affected. For many years my family and I have enjoyed the building and flying of radio controlled model airplanes. I have a considerable investment in this hobby. If these changes are adopted by the FCC, the current RC frequencies will become dangerous to use because of direct radio interference.

The frequency changes are proposed by the FCC Land Mobile Service. The FCC has issued a Notice of Proposed Rule Making (NPRM - PR Docket 92-235)

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All over the country there are organized events and contests where hundreds of operators participate. Spectators often number in the thousands at these events. This hobby provides many hours of enjoyment to hundreds of thousands of people like myself and my family. ***Please help keep model aviation safe.***

The FCC must not be allowed to carry out its proposals for the 72 - 76 MHz band.

Sincerely,



Urgent: Action needed before February 26, 1993.



The Honorable Richard Lugar
United States Senate
Washington, DC 20510

93 JUN 21 PM 4:21

Jan 19, 93

Urgent: Serious problem with PR Docket 92-235.

Dear Senator Lugar

93 Jan 22

2:36

1/18/93

Dear Senator Lugar

I am one of these people affected. For many years my family and I have enjoyed the building and flying of radio controlled model airplanes. I have a considerable investment in this hobby. If these changes are adopted by the FCC, the current RC frequencies will become dangerous to use because of **direct radio interference**.

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The Honorable Richard Lugar
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Sincerely,

James A. [unclear]

Urgent: Action needed before February 26, 1993.

03 JAN 19 08:11:03

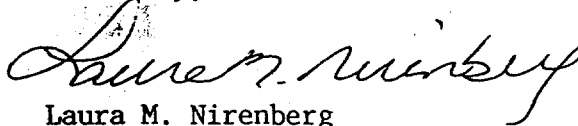
January 14, 1993

ASSEMBLYMAN RICHARD G. LUGAR
306 Hart Building
Washington, DC 20510

My name is Laura Nirenberg and I am a small scale hobby shop owner who specializes in radio control. I would like to enlist your aid in overcoming a problem involving the Federal Communication Commission which is responsible for the regulation of radio frequencies. It is my understanding that the FCC is planning to use the radio frequencies which were previously set aside for the specific use of driving radio controlled cars for cellular telephones. This will make it impossible for us to conduct our weekly races.

It is extremely difficult for me to obtain information on this subject. Anything you may be able to do to help in this matter, or any information you may have will be greatly appreciated.

Sincerely,


Laura M. Nirenberg